2631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	
Dae-Young Kim et al.	Examiner: K. Tran
Application No.: 09/499,014	Group Art Unit: 2631
Filed: February 4, 2000	Docket No: CX020003
Title: METHOD AND APPARATUS FOR THE CONTROL OF MODEM TRANSMIT POWER	

Commissioner for Patents
Washington, DC 20231

REPLY TO OFFICE ACTION AND AMENDMENT UNDER 37 C.F.R. § 1.111

Dear Commissioner:

In reply to the Office Action mailed May 15, 2001, Applicants respectfully request reconsideration of the current Application.

FEES/EXTENSION OF TIME

Please charge Deposit Account No. 13-4773 for any and all fees required under 37 C.F.R. §§ 1.16 or 1.17, or credit Deposit Account No. 13-4773 for any and all refunds. One copy of this page is enclosed for deposit account purposes.

Applicants hereby petition for an extension of time of one (1) month under 37 C.F.R. § 1.136, having a fee of $110.

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REPLACEMENT PARAGRAPHS

Replace the 4th paragraph on page 11, beginning at line 11, with:

What has been described is one of the ways by which the analog modem transmit power level can be adjusted. It should be noted that the transmit power level is also determined by the transmit constellation. However, the transmit constellation itself is hard to change to obtain different upstream transmit powers, since its modification will change the error probability of the upstream receiver. Therefore, in general, only mapping parameters are modified to change upstream transmit

Replace the 2nd paragraph on page 12, beginning at line 6, with:

In the above section a technique for PCM downstream spectral shaping or precoding of data signals is described. In this section there is described a precoding technique for PCM upstream precoding of data signals.